AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently amended) A method, comprising:

at least partially dicing <u>cutting and severing</u> a semiconductor wafer <u>into a</u>

<u>plurality of portions</u>, <u>having a low-K interlayer dielectric (ILD) layer the cutting and</u>

<u>severing being performed in a manner that allows the portions to remain disposed with</u>

each other as if the semiconductor wafer had not been cut;

applying a tape to a front side of the partially diced as if uncut semiconductor wafer; and

grinding a backside of the taped partially-diced as if uncut semiconductor wafer.

2. (Currently amended) The method of claim 1 wherein at least partially dicing said cutting and severing of the semiconductor wafer includes:

laser scribing the semiconductor wafer; and
dicing the semiconductor wafer into a plurality of dice, the dicing being
performed in a manner that allows the dice to remain proximally disposed with each
other as if the semiconductor wafer had not been diced.

- 3. (Currently amended) The method of claim 2 wherein <u>said</u> laser scribing <u>of</u> the semiconductor wafer includes forming at least one trench along streets <u>of the</u> <u>semiconductor wafer</u> separating adjacent semiconductor devices <u>of the semiconductor</u> wafer.
- (Currently amended) The method of claim 1, further comprising: mounting the taped partially-diced as if uncut semiconductor wafer having its backside grinded; and

removing the tape from the front side of the taped partially diced as if uncut semiconductor wafer.

5. (Currently amended) The method of claim 1, further comprising: attaching an adhesive to the backside of the semiconductor wafer <u>prior to cutting</u> and severing the semiconductor wafer; and wherein at least partially dicing <u>said cutting</u> and severing of the semiconductor wafer includes:

scribing lines along streets on the front side of the semiconductor wafer; and cutting <u>and severing</u> the semiconductor wafer along the streets of the semiconductor wafer with <u>the scribed lines</u>.

6. (Currently amended) The method of claim 5, further comprising:

cutting the tape and the adhesive attached to the backside of the <u>as if uncut</u> semiconductor wafer to substantially define a perimeter of the <u>as if uncut</u> semiconductor wafer; and

removing the adhesive from the backside of the partially diced as if uncut semiconductor wafer.

7. (Currently amended) The method of claim 5, further comprising:

mounting the taped partially diced as if uncut semiconductor wafer having its backside grinded; and

detaping the tape from the front side of the partially diced as if uncut semiconductor wafer.

8. (Currently amended) A method of thinning a semiconductor wafer, the method comprising:

attaching an adhesive to a backside of the semiconductor wafer;

scribing lines along streets separating integrated circuit devices along a front side of the semiconductor wafer;

cutting the semiconductor wafer along the streets of the semiconductor wafer with the scribed lines to cut and sever the semiconductor wafer into a plurality of portions, with the portions remaining proximally disposed to each other and held in place by the adhesive as if the semiconductor device had not been cut;

applying a protective layer onto at least a portion of the front side of the <u>as if</u> uncut semiconductor wafer;

cutting the protective layer and the adhesive attached to the backside of the <u>as if</u> <u>uncut</u> semiconductor wafer to define a perimeter of the <u>as if uncut</u> semiconductor wafer; and

grinding the backside of the <u>as if uncut</u> semiconductor wafer to reduce a thickness of the <u>as if uncut</u> semiconductor wafer.

- 9. (Original) The method of claim 8 wherein the semiconductor wafer includes an interlayer dielectric (ILD) layer having a low dielectric constant (K).
- 10. (Currently amended) The method of claim 9 wherein <u>said</u> scribing <u>of</u> lines along the streets includes laser scribing through the ILD layer having a low dielectric constant (K).
- 11. (Currently amended) The method of claim 8 wherein <u>said</u> scribing <u>of</u> lines along the streets includes scribing two lines substantially along either side of each street.
- 12. (Currently amended) The method of claim 8 wherein <u>said applying of the</u> protective layer includes applying a protective coating.
- 13. (Original) The method of claim 8, further comprising removing the protective layer.
- 14. (Original) The method of claim 8 further comprising, removing the adhesive cut to define the perimeter of the semiconductor wafer.
- 15. (Original) The method of claim 8, wherein the protective layer includes a backgrind tape.
- 16. (Currently amended) The method of claim 8, further comprising: mounting the <u>as if uncut</u> semiconductor wafer having its backside grinded; and

removing the protective layer from the front side of the <u>as if uncut semiconductor</u> wafer.

17. (Currently amended) A method, comprising:

a least partially dicing a semiconductor wafer into a plurality of dice, the dicing being performed in a manner that allows the dice to remain proximally disposed to each other as if having a low-K interlayer dielectric (ILD) layer to form a plurality of cuts in the semiconductor wafer had not been diced;

taping a first side of the <u>as if undiced</u> semiconductor wafer across at least some of the cuts; and

grinding a second side of the <u>as if undiced</u> semiconductor wafer.

18. (Currently amended) The method of claim 17 wherein at least partially the semiconductor device includes a low-K interlayer dielectric (ILD) layer, and said dicing of the semiconductor wafer to form the plurality of cuts includes:

laser scribing through the low-K ILD layer to form trenches in the low-K ILD layer; and

sawing the semiconductor wafer along the formed trenches to singulate semiconductor devices of the semiconductor wafer.

- 19. (Currently amended) The method of claim 18, wherein <u>said</u> laser scribing through the low-K ILD layer includes scribing two lines along streets separating adjacent <u>ones of the semiconductor devices</u>.
- 20. (Currently amended) The method of claim 17, further comprising mounting the semiconductor wafer before at least partially dicing the semiconductor wafer.
- 21. (Currently amended) The method of claim 20 further comprising:

 cutting a tape applied to the first side of the partially-diced as if undiced

 semiconductor wafer across at least some of the cuts to approximate the semiconductor wafer shape; and

removing an adhesive used to mount the as if undiced semiconductor wafer.

- 22. (Currently amended) The method of claim 21, further comprising, cutting the adhesive used to mount the <u>as if undiced</u> semiconductor wafer to approximate <u>a shape</u> of the <u>as if undiced</u> semiconductor wafer shape before removing the adhesive.
- 23. (Original) The method of claim 21 wherein the adhesive is a mounting tape.
- 24. (Currently amended) The method of claim 17, further comprising mounting the partially diced as if undiced semiconductor wafer having its second side grinded onto a wafer frame.
- 25. (Currently amended) The method of claim 24, further comprising removing a tape applied to the first side of the partially diced as if undiced semiconductor wafer across at least some of the cuts.
- 26. (Cancelled)
- 27. (Cancelled)